

**Metropolitan Domestic Water Improvement District
Board of Directors Meeting**

February 8, 2021

**Authorizing Construction Services for the
Phase I Avra Valley Recharge Project (AVRP) Improvements**

Synopsis

The Board of Directors is requested to authorize the General Manger to execute an agreement with Borderland Construction Company, Inc., (Borderland) for Phase 1 Avra Valley Recharge Project (AVRP) improvements in the amount of \$516,815.41 and to authorize the General Manager to allocate additional funding in a cumulative amount not to exceed \$10,000.

Background

WestLand Resources, Inc. (WestLand) previously completed the design of the AVRP upgrades, which has been phased due to cost. Phase 1 is focused on the installation of a new metering system and associated improvements.

Issues

The current configuration of deliveries to the basins relies on a weir metering structure. This method only provides a snapshot measurement and does not enable a continuous record of flows, which presents a challenge with regard to any differences or irregularities between the weir measurements and the Central Arizona Project (CAP) billing meter. This has resulted in the loss of earned water resource credits. The new metering system will enhance the District's fidelity in measurement of the actual water stored and avoid future financial impacts to the District with regard to billing discrepancies.

Additional efforts related to this work include the use of the District's Miscellaneous Geotechnical and Material Testing consultant at an estimated cost of \$3,000. The combined total, including the requested work by Borderland and the associated General Manager authorization, is \$529,815.41.

The Capital Improvement Program (CIP) for Fiscal Year 2021 includes \$330,000 for AVRP Recharge Improvements. The operating budget also included estimated costs for CAP Water Purchase / Allocation. The expenditure related to the CAP Water Purchase / Allocation is anticipated to be \$200,000 less than originally contemplated in the budget. It is proposed that this savings would be used at AVRP to cover the higher than budgeted costs to meter the CAP water stored.

Recommendation

Staff recommends the Board of Directors authorize the General Manager to execute an agreement with Borderland for the construction of the Phase I AVRP Improvements in the amount of

\$516,815.41. It is also recommended that the General Manager be authorized to allocate additional funding in a cumulative amount not to exceed \$10,000 to allow work to proceed promptly should any unforeseen conditions be encountered during construction. Any changes in excess of the above limits will be submitted to the Board of Directors for approval.

Suggested Motion

I move to authorize the General Manager to execute an agreement with Borderland Construction Company, Inc., for the construction of the Phase 1 Avra Valley Recharge Project Improvements in the amount of \$516,815.41 and to authorize the General Manager to allocate additional funding in a cumulative amount not to exceed \$10,000.

Respectfully submitted,

Sheila M. Bowen, P.E.
District Engineer

I concur with the above-noted recommendation.

Respectfully submitted,

Joseph Olsen, P.E.
General Manager